

### **Amendments to the Claims:**

Please amend the claims as follows:

1. (Currently Amended) A method of controlling link adaptation in a communication link, ~~both at least one ends~~ of the communication link each having a respective~~have a~~ transmission codec having a plurality of modes of operation, the method comprising: at each end both measuring quality of a received signal, and forwarding an instruction to change the mode of operation of the transmission codec at the other end in response ~~responsive~~ to a change in the quality~~condition~~ of the received signal.

2. (Original) The method of claim 1 in which there is a minimum period between the forwarding of successive instructions.

3. (Original) The method of claim 2 in which the minimum period is 160ms.

4. (Original) The method of claim 1 in which the instruction to change the codec mode of operation is a command or a request.

5. Canceled.

6. Canceled.

7. (Original) The method of claim 1 in which the communication link is a link in a mobile communications system.

8. (Original) The method of claim 7 in which the mobile communications system is a packet switched system.

9. (Currently Amended) A telecommunication system comprising two transmitter-receivers, between which~~device for maintaining~~ a communication link is maintained, each transmitter-receiver~~with another device~~, including: a transmission

codec; means for receiving a signal from the other transmitter-receiver~~device~~; means for measuring quality~~monitoring the condition~~ of the received signal; means, responsive to a change in the quality~~condition~~ of the received signal, for determining a new mode of operation of thea transmission codec of the other transmitter-receiver; and means for transmitting the new mode of operation of the transmission codec of~~to~~ the other transmitter-receiver~~device~~ responsive to the change in the quality~~condition~~ of the received signal.

10. (Currently Amended) The device of claim 9 wherein the means for transmitting the new mode of operation is controlled such that there is a minimum period between successive transmissions;

11. (Newly Added) A method of controlling link adaptation in a communication link, a first end of the communication link having a transmission codec with a plurality of modes of operation, the method comprising the steps of: measuring, by the first end, quality of a received signal from a second end of the communication link, forwarding by the first end an instruction to change a mode of operation of a transmission codec at the second end in response to a change in the quality of the received signal; and receiving by the first end an instruction from the second end to change the mode of operation of the transmission codec at the first end in response to a change in quality of a signal from the first end that is received and measured at the second end.

12. (Newly Added) A transceiver for maintaining a communication link with a second transceiver, said transceiver comprising circuitry adapted to receive a signal from the second transceiver; to measure quality of the signal received from the second transceiver; to determine a new mode of operation for a transmission codec of the second transceiver, to transmit the new mode of operation for the transmission codec of the second transceiver responsive to the change in the quality of the signal from the second transceiver; and to receive by the transceiver an instruction from the second transceiver for a new mode of operation for a transmission codec of the transceiver in

response to a change in quality of a signal from the transceiver that is received and measured at the second transceiver.